

WEST**End of Result Set**

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13: Entry 1 of 1

File: DWPI

Sep 12, 2001

DERWENT-ACC-NO: 2000-377495

DERWENT-WEEK: 200155

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TITLE: Stabilized factor XIII and fibrinogen preparations useful as tissue adhesive components

INVENTOR: GRONSKI, P; METZNER, H

PATENT-ASSIGNEE:

ASSIGNEE

CODE

CENTEON PHARMA GMBH

CENTN

AVENTIS BEHRING GMBH

AVET

PRIORITY-DATA: 1998DE-1053033 (November 18, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1131110 A1	September 12, 2001	G	000	A61L024/10
DE 19853033 A1	May 25, 2000		013	A61L024/00
WO 200029041 A1	May 25, 2000	G	000	A61L024/10
AU 200013834 A	June 5, 2000		000	A61L024/10

DESIGNATED-STATES: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK
 NL PT RO SE SI AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB
 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
 MN MW MX NC NZ PL PT RO RU SD SE SG SI SK SL TC TM TR TT UA UG US UZ VN YU ZW
 AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE
 SL SZ TZ UG ZW

APPLICATION-DATA:

PUB-NO	APP-DATE	APP-NO	DESCRIPTION
EP 1131110 A1	November 18, 1998	1998DE-1053033	
EP 1131110 A1	November 18, 1998	1998WO-EP1053033	
EP 1131110 A1		WO 200029041	Parent In.
DE 19853033 A1	November 18, 1998	1998DE-1053033	
DE 19853033 A1		DE 19861158	Div In.
WO 200029041 A1	November 18, 1998	1998WO-EP1053033	
AT 199801004 A1	November 18, 1998	1998AT-101004	
AU 200013834 A1		WO 200029041	Parent In.

NOVELTY - A fibrinogen-free, factor XIII preparation is stabilized with a di- or tricarboxylic acid salt and other stabilizers. Also new are fibrinogen-containing preparations stabilized with chaotropic substances and a tissue adhesive pack consisting of the factor XIII preparation, a fibrinogen-containing preparation and a thrombin preparation.

DETAILED DESCRIPTION - A stabilized, fibrinogen-free, protein preparation which can be stored in liquid form contains:

- (a) blood coagulation factor XIII;
- (b) a di- or tricarboxylic acid salt, especially a citrate; and
- (c) additional factor XIII stabilizers.

INDEPENDENT CLAIMS are also included for:

(A) a stabilized, liquid or deep-frozen protein preparation containing fibrinogen and less than 0.28 mol/l of a chaotropic substance which prevents or reduces fibrinogen aggregation; and

(B) a tissue adhesive comprising a unit pack containing as separate components either:

(i) the stabilized fibrinogen-free protein preparation, the stabilized, liquid or deep-frozen, fibrinogen-containing protein preparation and a thrombin-containing preparation; or

(ii) a mixture of the fibrinogen-free and fibrinogen-containing protein preparations and a thrombin-containing preparation.

USE - As tissue adhesive or for topical and parenteral therapeutic treatment.

ADVANTAGE - Compared with prior art formulations known from e.g. EP85923, DE19617369, EP856317 and 437713, the preparations have improved stability without loss of activity of the active agent and/or a reduced content of chaotropic substances. E.g., after a deep frozen preparation has been thawed it has a shelf life of at least 4 weeks up to several months compared with a few days for conventional concentrates.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: FACTOR FIBRINOGEN PREPARATION USEFUL TISSUE ADHESIVE COMPONENT

DERWENT-CLASS: B04 D16 D22 P34

MI-INDEX: B1-H1; B1-A 2; B1-H4; B1-H5; B1-A 3; B1-A10; B1-A13; B1-A17; B1-A 17; B1-B 1; B1-M; B1-B 4; B1-A 6; B1-N10; B1-A 1; B1-A 1;

CHEMICAL-ONES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M431 M481 M904 P642 Q233

Q-111 274 281 28

A063YK A064YK

Chemical Indexing M1 *01*

Fragmentation Code
M423 M431 M782 M905 P942 Q233
Specific Compounds
A03NAK A03NAM

Chemical Indexing M2 *04*

Fragmentation Code
A101 A967 C710 H4 H401 H4-1 H8 J0 J013 J1
J113 M280 M313 M321 M333 M344 M349 M381 M391 M411
M431 M510 M520 M530 M540 M620 M630 M782 M904 M905
P942 Q233 Q620
Specific Compounds
4014K 04004M A03LBK A03DRM
Registry Numbers
4190

Chemical Indexing M2 *05*

Fragmentation Code
A211 A963 C710 H4 H401 H481 H8 J0 J013 J1
J113 M280 M313 M321 M333 M344 M349 M381 M391 M411
M431 M510 M520 M530 M540 M620 M782 M904 M905 P942
Q233 Q620
Specific Compounds
6509K 0630K1 12953K 12953M

Chemical Indexing M2 *06*

Fragmentation Code
H4 H401 H4-1 H8 J0 J011 J1 J171 M280 M312
M321 M331 M340 M342 M349 M381 M391 M416 M431 M620
M782 M904 M915 M910 P942 Q233 Q620
Specific Compounds
00009K 00104M 06285K 06285M
Registry Numbers
0030

Chemical Indexing M2 *07*

Fragmentation Code
M431 M782 M905 P942 Q233 Q620
Specific Compounds
A0120K A0121M

Chemical Indexing M2 *08*

Fragmentation Code
H1 H100 H181 J0 J011 J1 J171 M280 M311 M321
M342 M349 M381 M391 M416 M431 M620 M782 M904 M905
M910 P942 Q233 Q620
Specific Compounds
0114K 01011M 0114K 04 01M 131 01M 141 01M
Registry Numbers
0104

Chemical Indexing M2 *09*

Fragmentation Code
H1 H100 H181 J0 J012 J1 J171 J3 J371 M280
M311 M322 M342 M349 M381 M392 M416 M431 M620 M782
M904 M910 M915 P942 Q233 Q620
Specific Compounds
01012M 01012M

01012M 01012M 01012M 01012M 01012M 01012M 01012M 01012M 01012M 01012M
01012M 01012M 01012M 01012M 01012M 01012M 01012M 01012M 01012M 01012M

M904 M905 M910 P942 Q233 Q620
 Specific Compounds
 01210K 01210M 10414K 10414M
 Registry Numbers
 1210U

Chemical Indexing M1 *11*

Fragmentation Code
 H1 H100 H181 H4 H498 H9 J0 J011 J1 J171
 M280 M312 M331 M332 M343 M349 M381 M391 M416 M431
 M620 M782 M904 M905 M910 P942 Q233 Q620
 Specific Compounds
 01628K 01628M 10616K 10616M
 Registry Numbers
 1628U

Chemical Indexing M1 *12*

Fragmentation Code
 P514 P521 H1 H100 H181 J0 J011 J1 J171 M280
 M312 M331 M382 M343 M349 M371 M391 M413 M431 M510
 M331 M580 M640 M782 M904 M905 M910 P942 Q233 Q620
 Specific Compounds
 01636K 01636M 04743K 04743M
 Registry Numbers
 1636U

Chemical Indexing M1 *13*

Fragmentation Code
 H1 H100 H181 J0 J012 J1 J171 J3 J371 M280
 M313 M331 M382 M343 M349 M381 M391 M416 M431 M520
 M782 M904 M905 M910 P942 Q233 Q620
 Specific Compounds
 00115K 00115M 04748K 04748M
 Registry Numbers
 0115U

Chemical Indexing M1 *14*

Fragmentation Code
 H4 H405 H484 H8 F0 L8 L816 L821 L833 M280
 M315 M321 M332 M344 M383 M391 M416 M431 M620 M782
 M904 M905 M910 P942 Q233 Q620
 Specific Compounds
 00290K 00290M
 Registry Numbers
 0290U

Chemical Indexing M1 *15*

Fragmentation Code
 P012 P013 P014 L013 P014 P017 P018 P019 P019 H4
 H405 H405 H405 H405 H405 H405 H405 H405 H405
 L012 L013 L014 L015 L016 L017 L018 L019 L020
 M303 M413 M431 M610 M620 M630 M640 M782 M904 M905
 M910 P942 Q233 Q620
 Specific Compounds
 00135K 00135M
 Registry Numbers
 135U

Registry Numbers
1661U

Chemical Indexing M2 *17*

Fragmentation Code

K0 L2 L250 M280 M320 M416 M431 M620 M782 M904
M905 M910 P942 Q233

Specific Compounds

00956K 00956M 14018K 14018M

Registry Numbers

0956U

Chemical Indexing M3 *18*

Fragmentation Code

K0 L4 L432 M280 M320 M416 M431 M620 M782 M904
M905 M910 P942 Q233

Specific Compounds

00123K 00123M

Registry Numbers

0123U

Chemical Indexing M7 *19*

Fragmentation Code

H1 H100 H101 J0 J011 J1 J171 K0 L4 L432
M280 M314 M315 M332 M343 M349 M381 M391 M416 M431
M620 M782 M904 M905 M910 P942 Q233

Specific Compounds

01241K 01241M

Registry Numbers

1241U

Chemical Indexing M5 *20*

Fragmentation Code

F013 F431 J0 J011 J3 J311 M280 M320 M413 M431
M510 M521 M530 M540 M782 M904 M905 M910 P942 Q233

Specific Compounds

00678K 00678M 08443K 08443M

Registry Numbers

0678U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0009U : 0104U : 0115U : 0123U : 0135U ;
0290U : 0419U : 0678U : 0956U : 1210U : 1241U : 1373U : 1628U : 1636U : 1661U

SECONDARY-ACC-NO:

FI Secondary Accession Numbers: 0000-00000

NI Secondary Accession Numbers: 0000-00000

WEST

Generate Collection

Search Results - Record(s) 2 through 2 of 2 returned.

2. Document ID: KR 261360 B1, EP 543178 A2, DE 4137996 A1, AU 9228502 A, NO 9204453 A, CA 2083243 A, JP 05194261 A, AU 658238 B, EP 543178 A3, EP 543178 B1, DE 59209133 G, US 5723123 A, ES 2113910 T3, NO 307473 B1

L1: Entry 2 of 2

File: DWPI

Jul 1, 2000

DERWENT-ACC-NO: 1993-168905

DERWENT-WEEK: 200131

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TITLE: Purified, virus free thrombin concentrate prepn. - by treating prothrombin complex with calcium binding salt and thrombin, useful to control bleeding and in tissue adhesives

INVENTOR: KARGES, H; NAUMANN, H ; KARGES, H E ; NEUMANN, H

PRIORITY-DATA: 1991DE-4137996 (November 19, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 261360 B1	July 1, 2000		000	C12N009/74
EP 543178 A2	May 26, 1993	G	005	C07K015/06
DE 4137996 A1	May 27, 1993		005	C07K015/06
AU 9228502 A	May 20, 1993		000	C12N009/74
NO 9204453 A	May 20, 1993		000	C07K003/28
CA 2083243 A	May 20, 1993		000	C12N009/74
JP 05194261 A	August 3, 1993		004	A61K037/475
AU 658238 B	April 6, 1995		000	C12N009/74
EP 543178 A3	July 6, 1994		000	C07K015/06
EP 543178 B1	January 14, 1998	G	005	C12N009/74
DE 59209133 G	February 19, 1998		000	C12N009/74
US 5723123 A	March 3, 1998		004	A61K038/48
ES 2113910 T3	May 10, 1995		000	C12N009/74
NO 307473 B1	April 10, 2000		000	C12N009/74

INT-CL (IPC): A61K 31/047; A61K 31/00; A61K 31/045; A61K 31/047; A61K 31/045; A61K 15/10; A61K 15/00; C07K 3/04; C07K 3/22; C07K 3/28; C07K 15/06; C12N 9/74

Full

Title

CLS.2

REF.2

Term	Documents
EP-543178-\$	0
EP-543178-A2.DWPI,EPAB,JPAB,USPT,PGPB.	2
EP-543178-A3.DWPI,EPAB,JPAB,USPT,PGPB.	1
EP-543178-B1.DWPI,EPAB,JPAB,USPT,PGPB.	1
EP-543178-\$.DID.,USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	2

Display

20

Documents, starting with Document:

2

Display Format:

Change Format